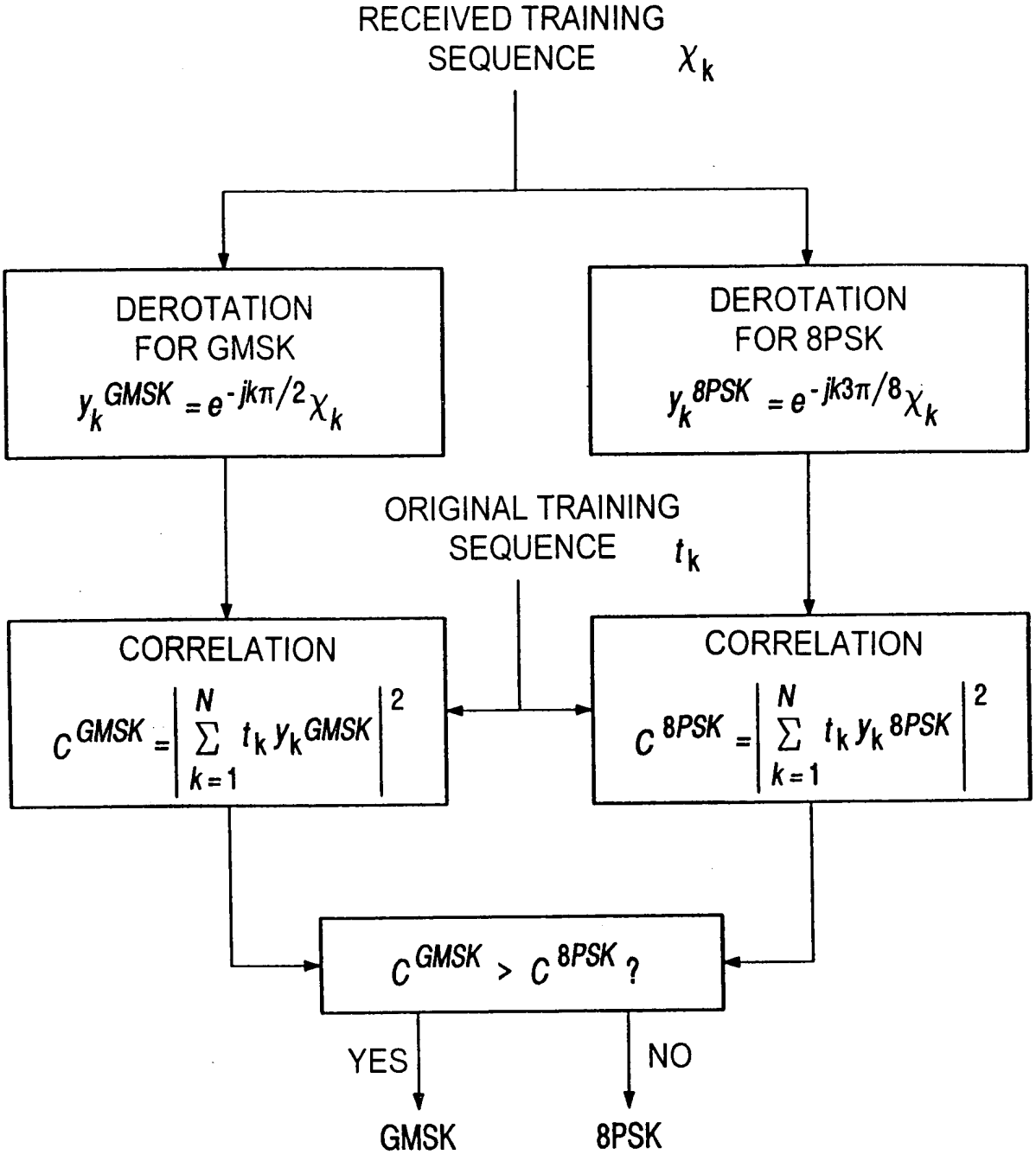
RECEIVED TRAINING SEQUENCE χ_k
DEROTATION FOR GMSK
$y_k^{GMSK} = e^{-jk\pi/2}\chi_k$
DEROTATION FOR 8PSK
$y_k^{8PSK} = e^{-jk3\pi/8}\chi_k$
ORIGINAL TRAINING SEQUENCE t_k
CORRELATION
$C^{GMSK} = \left| \sum_{k=1}^{N} t_k y_k^{GMSK} \right|^2$
CORRELATION
$C^{8PSK} = \left| \sum_{k=1}^{N} t_k y_k^{8PSK} \right|^2$
$C^{GMSK} > C^{8PSK}$?
YES
NO
GMSK
8PSK